

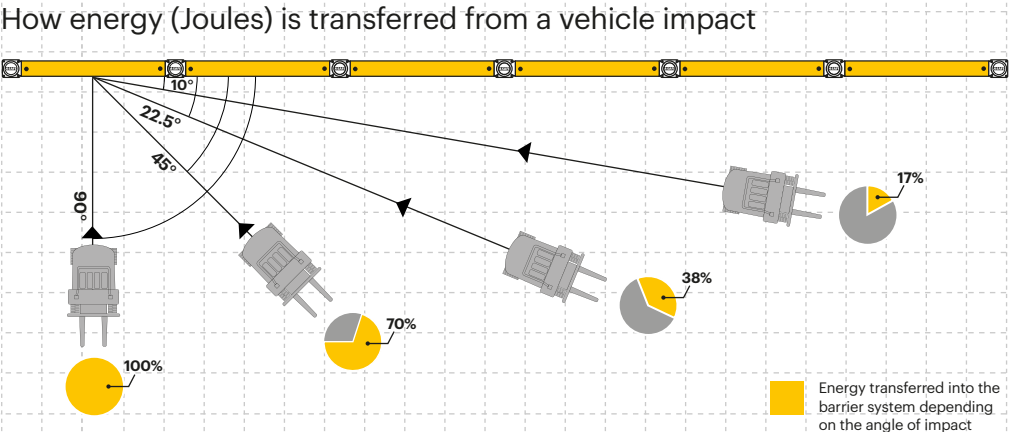
Testing and Technical Information

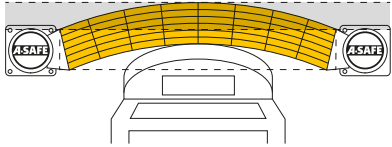
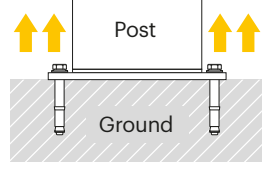
Tested to the global benchmark in barrier safety

bsi.

PAS 13

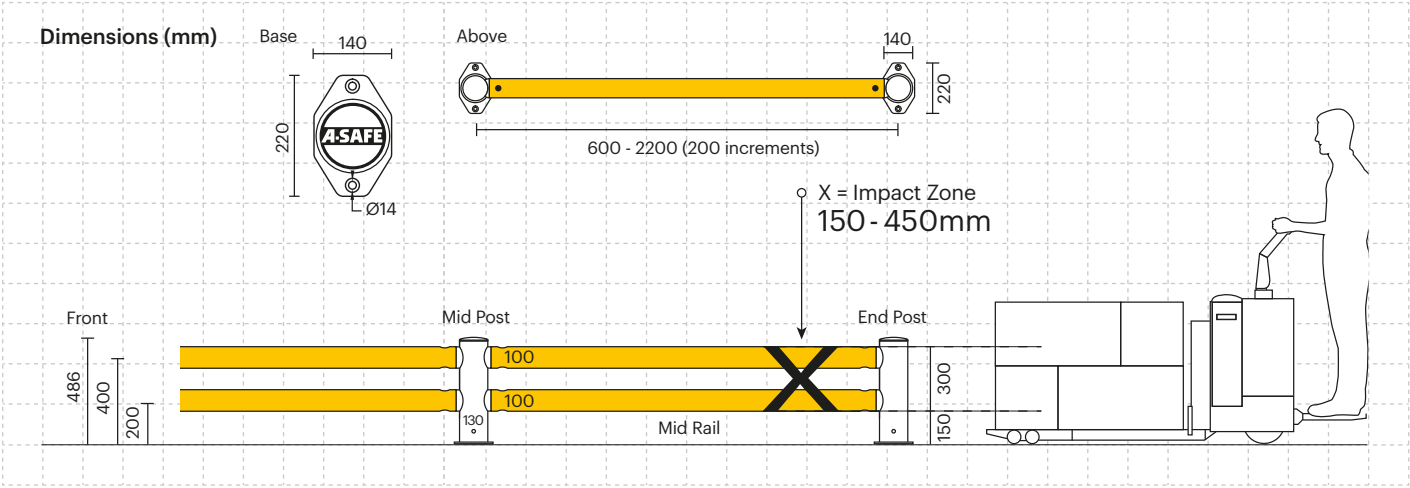
Code of Practice for Workplace Safety Barriers



Impact Test on 2000mm Post Centres	Max Vehicle Energy the barrier can withstand at the Impact Angle			
	90°	45°	22.5°	10°
Mid Rail Max Energy (Joules)	4,550	6,500	12,000	26,450
End Post Max Energy (Joules) - 90°		3,000		
Mid Post Max Energy (Joules) - 90°		3,000		
Deflection at Max Energy 390mm				
				

Material Properties	MEMAPLEX™
Temperature Range	-10°C to 50°C
Ignition Temperature	370°C to 390°C
Flash Point	350°C to 370°C
Toxicity	Not Hazardous
Chemical Resistance	Excellent - ISO/TR 10358
Weathering Stability (Grey Scale)	5/5*
Light Stability (Blue Wool Scale)	7/8**
Static Rating (Surface Resistivity)	1015 - 1016 Ω
Hygiene Seals	Yes

* Weathering scale 1 is very poor and 5 is excellent
** Light stability scale 1 is very poor and 8 is excellent



Post Options




Standard Black
RAL 9005*
PANTONE Black




Standard Yellow
RAL 1007*
PANTONE 7548*


Rail Options



Standard Yellow
RAL 1007*
PANTONE 7548*



Standard Black
RAL 9005*
PANTONE Black



Standard Grey
RAL 9007*
PANTONE Cool Grey 5*

Colour Combinations

*Please note that the RAL and PANTONE colours listed are the closest match to standard A-SAFE colours, but may not be exact matches of the actual product colour and should be used for guidance only.



mFlex™
Double Traffic Barrier

A-SAFE



Designed to safeguard walls, structures, goods and machinery from hand operated equipment as well as pedestrian operated powered pallet trucks.

Such impacts can damage surfaces, materials and stock over time, degrading safety and causing equipment to break down.

The Double Rail increases the height and strength of the impact zone, providing greater resistance to impact forces and improved protection against wear-and-tear from frequent collisions.

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Code of Practice for Workplace Safety Barriers



Engineered for performance

Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our unique 3-phase coupling system, a wealth of technical ingenuity goes into every A-SAFE product to ensure that it performs perfectly every time you need it to. We are continuously innovating to solve the greatest workplace safety challenges on behalf of our customers and our numerous patents attest to our industry-leading commitment to research and development.

Ultimate strength polymer created from an exclusive composition of the most sophisticated polyolefins and rubber additives, expertly blended for unequalled strength and flexibility.

Unrivalled recovery through a unique built-in memory that allows the barrier to flex, cushion and reform repeatedly upon impact, saving vast amounts in barrier and vehicle repairs.

Huge return on investment from incident prevention and downtime avoidance as barriers, vehicles, floors and equipment do not need replacing or repair.

Multi-directional system ensures a streamlined fit into any facility and the removal of hard angles.

Ultra-low maintenance material is chemical and water resistant, non-corrosive, non-scratch and self coloured so no repainting, rusting, flaking or corrosion.

Exclusive modularity allows rails and posts to be replaced in-situ without removing adjacent barrier sections.

Energy Absorption System

Patented system dissipates impact forces through the barrier and away from floors and fixings, preventing costly damage.

Hygiene seals remove ingress points.

Food safe, wipe-clean, water resistant surface.

Ergonomic design with no sharp edges.

No floor damage 80% of impact force is absorbed, transferring just 20% to the floor.

Environmentally friendly and 100% recyclable.

Self coloured and UV stabilised for continued visibility and long lasting aesthetics with no repainting.

Zinc nickel, electrophoretic coating on base plates as standard, provides advanced protection against corrosion damage.

MEMAPLEX™

Advanced Engineering

Molecular reorientation during manufacturing creates a unique built-in memory that enables the barrier to fully recover following impacts.

Revolutionary 3-Layered Material

- Inner strengthening core
- Central impact absorption zone
- Outer UV stabilised colour layer

ADDITIONAL BASE OPTIONS

Countersunk Bolts	Galvanised Steel	Stainless Steel 316 Standard	Stainless Steel 316 Countersunk
Creates a flat surface, preventing tyre damage where vehicles are in close proximity.	Increased weather resistance for outdoor use and harsh climate environments.	Ultimate performance option, no corrosion or rusting and resistant to powerful cleaning agents. Ideal for hygiene environments.	

